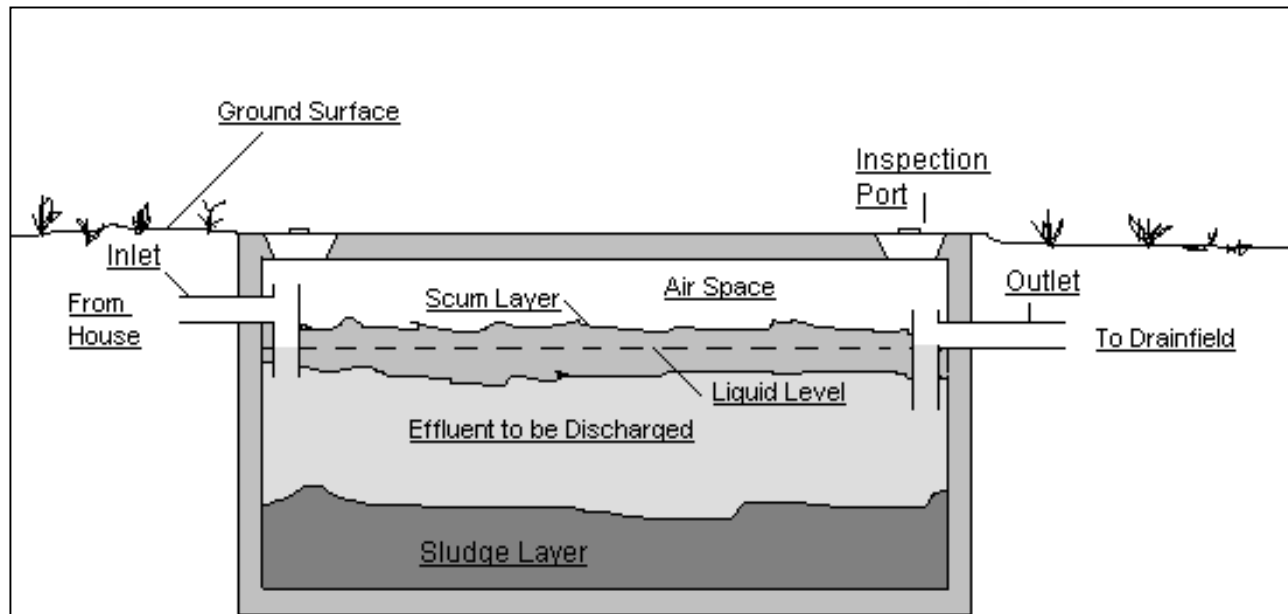


Septic Tank Schematic



The Parts of a Septic Tank



**Newly
installed
distribution
box &
septic tank**



**Header pipe
leading to
multiple
trenches**

Trench w/tire chips for aggregate instead of gravel



Concrete Baffle

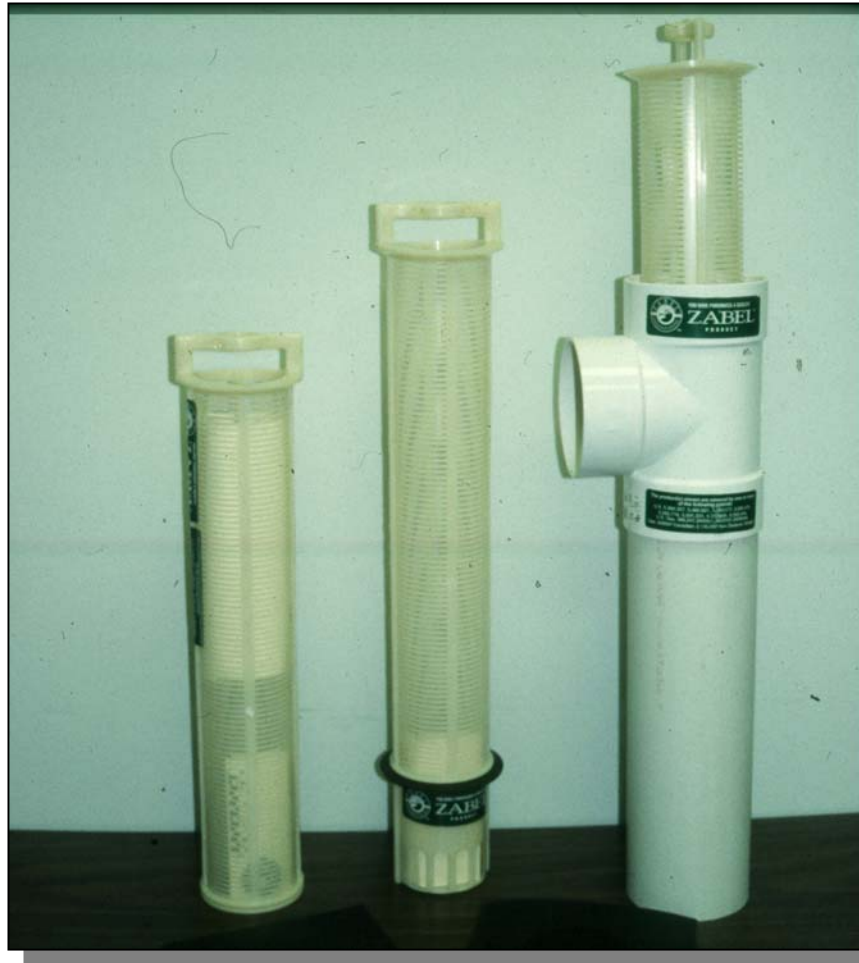


Outlet Tee w/Correct Water Level



Outlet Tee Effluent Filters

(many more models available)



Newer Tank Lid

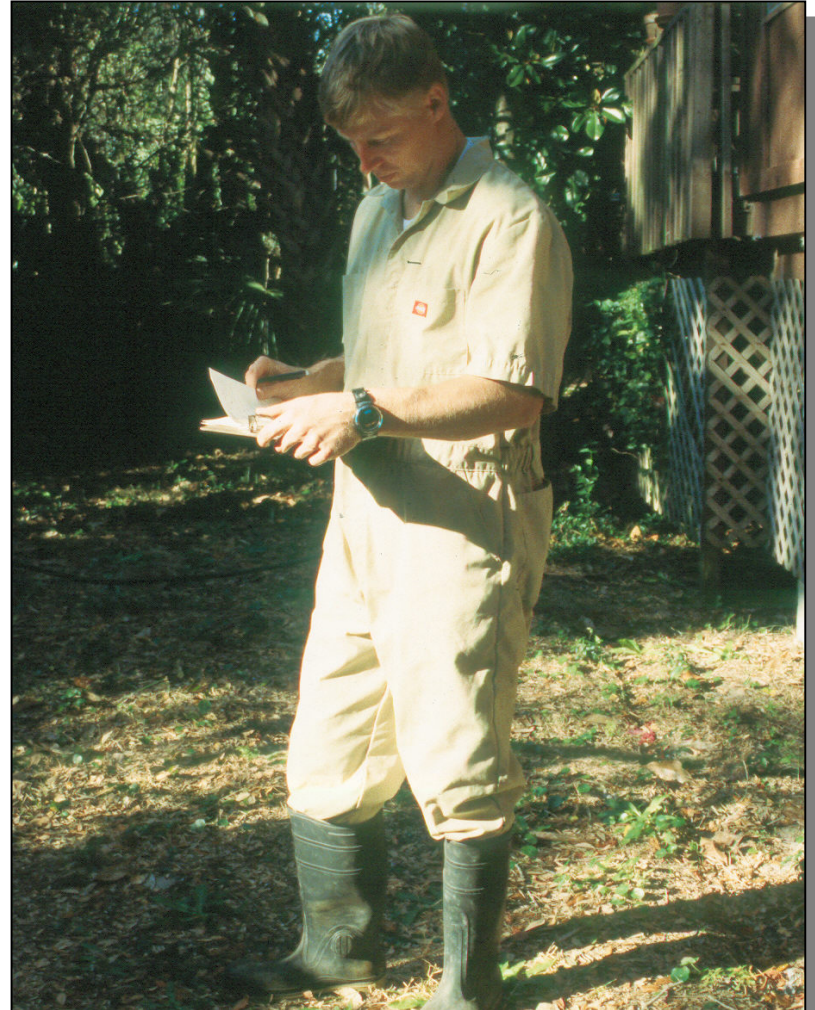


Folly Beach Pilot Program Teamwork!

(city, state, and private sector)



Inspector



Careful removal of soil over tank



Bottomless, Brick Septic Tank



Wooden Lid Over Brick Tank



Bad Tank Lid



Old Slab Lids – Hard to Open



Slab Lid Not Fully Intact



Utility pipe (water line?) installed over tank lid making access difficult



Tank Buried Under Walk





**Pumper having
to break lid
corner to open
(access risers
would prevent
this from
happening).**

Broken Parts in Tank



Broken Tee (disrupts settling & digestion)



Repair job gone bad – tees too close



Failed Septic System



Failed Septic System



(photo from Sewee to Santee Final Report)

Failed Septic System



Failed Septic System



Homemade tool (*sludge judge*) to measure tank solids



Thick, thick scum layer



Pumping Out a Failed System



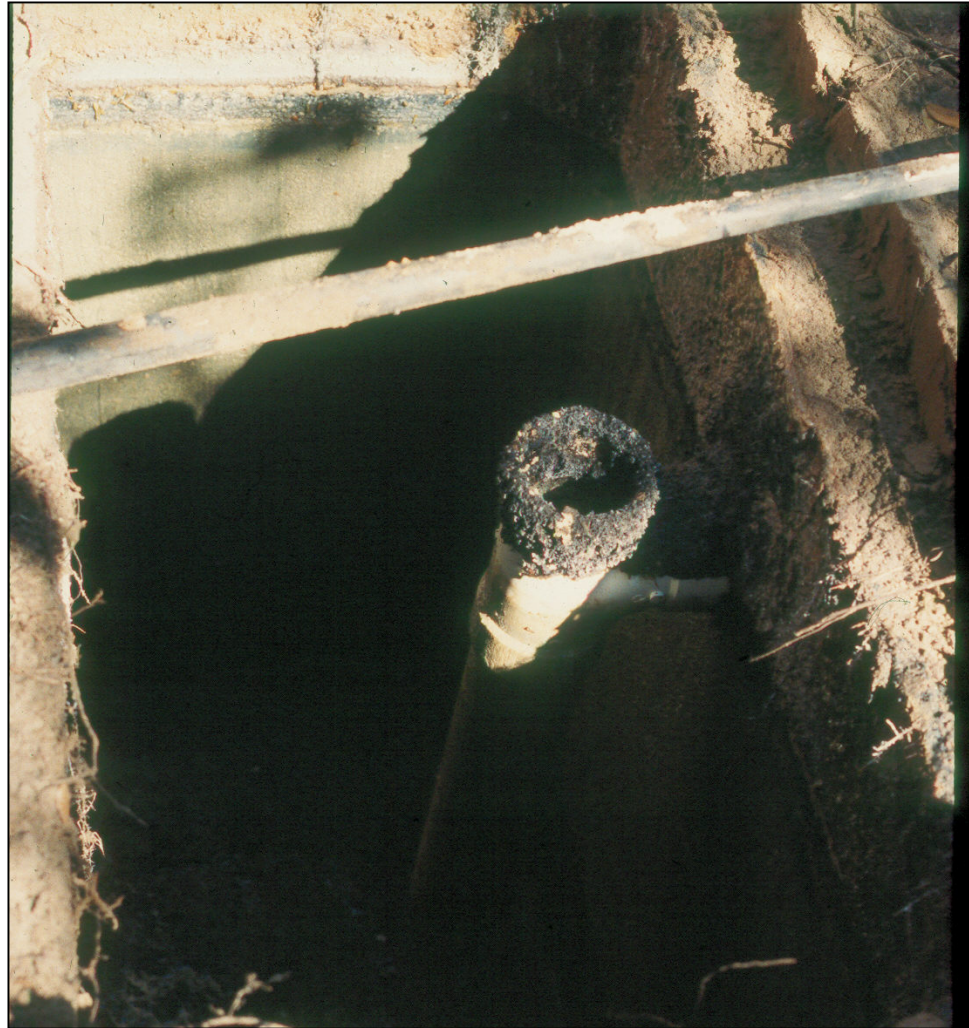


**Homemade
sludge judge
being used in
fiberglass
tank to
measure
solids**

Tank full of roots: not a tight seal



Scum on tee top shows failure



Grass Outlines Septic Tank & Drain Lines at Beach House

(shows tank leaks and system not protected from cars)



Sewage leaking down slope from hole in tank



1st Inspector Class – 2003

Charleston, SC



Conway Inspector Class - 2003



Beaufort Inspector Class – 2003

Participant Input



Trench location flagged during inspector training



Newer tank w/inlet & outlet ends opened for inspection



Septic System's Best Friend

(especially if used before a crisis!)



Magnets available at DHEC-OCRM

Not in My Septic System!



CLOGGERS

cat litter, diapers, cigarette butts,
tampons, condoms, grease, coffee
grounds, dental floss, wipes,
towelettes, etc.



KILLERS

driving over the drainfield,
excessive water, excessive
household chemicals, paints,
pesticides, medicines, etc.

Remember to pump the septic tank!

Next Service _____

Company _____

Phone _____



South Carolina Department of Health
and Environmental Control
CR-006321 11/04

www.scdhec.net